

Form PTO-1449 U.S. Dept. of Commerce Patent & Trademark Office		ATTY. DOCKET NO. <b>1700F US</b>	SERIAL NO. <b>NYA 09/674403</b>
<b>LIST OF PRIOR ART CITED BY APPLICANT</b>			
(Use several sheets if necessary)			
		FILING DATE <b>October 31, 2000</b>	GROUP <b>NYA 1624</b>

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
B.K.	AA 5,693,654	02.12.97	Birch	514	323	
B.K.	AB 5,290,781	01.03.94	Espino, et al.	514	259	
B.K.	AC 5,106,855	21.04.92	McLees	514	317	
B.K.	AD 5,538,974	23.07.96	Ogawa, et al.	514	253	
B.K.	AE 5,652,272	29.07.97	Ogawa, et al.	514	652	
B.K.	AF 5,011,846	30.04.91	Gittos, et al.	514	294	
B.K.	AG 5,344,929	06.09.94	Dean, et al.	544	48	
B.K.	AH 5,470,973	28.11.95	Hoff	544	48	
B.K.	AI 5,538,966	23.07.96	May, et al.	54	226.5	
B.K.	AJ 5,880,134	09.03.99	Cohen, et al.	514	288	
	AK					

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES NO
B.K.	AL	0771563-A2	07.05.97	EP			x
B.K.	AM	0738513-A1	23.10.96	EP			x
B.K.	AN	0522226A1	13.01.93	EP			x
B.K.	AO	9717345	15.05.97	PCT			x
B.K.	AP	9729097	14.08.97	PCT			x

**OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

B.K.	AR	Zifa and Fillion, "5-Hydroxytryptamine Receptors," <i>Pharmacol. Rev.</i> , Vol. 44(3):401-458, 1992.
B.K.	AS	Hoyer et al., "VII. International Union of Pharmacology Classification of Receptors for 5-Hydroxytryptamine (Serotonin)," <i>Pharmacol. Rev.</i> , Vol. 46(2):157-203, 1994.
	AT	Tobin et al., "Evidence for the Presence of Serotonergic Nerves and Receptors in the Iris-Ciliary Body J. Complex of the Rabbit," <i>Journal of Neurosci.</i> , Vol. 8(10):3713-3721, 1988.

EXAMINER	DATE CONSIDERED
<i>Birch K.M.</i>	<i>8/18/02</i>

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## LIST OF PRIOR ART CITED BY APPLICANT

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May, et al.

FILING DATE

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## U.S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

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							YES	NO
B.K.	BL ✓	9748681	24.12.97	PCT			x	
B.K.	BM ✓	9749695	31.12.97	PCT			x	
B.K.	BN	9800400	08.01.98	PCT				x
B.K.	BO	9220338	26.11.92	PCT			x	
	BP							

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

B.K.	BR	Martin et al., "The structure and signalling properties of 5-HT receptors: an endless diversity," <i>Trends Pharmacol. Sci.</i> , Vol. 19:2-4, 1998.
		Eglen et al., "The 5-HT <sub>7</sub> Receptor: Orphan Found," <i>Trend Pharmacol. Sci.</i> , Vol. 18:104-107, 1997.
B.K.	BS	
B.K.	BT	Heidmann et al., "Four 5-Hydroxytryptamine <sub>7</sub> (5-HT <sub>7</sub> ) Receptor Isoforms in Human and Rat Produced by Alternative Splicing: Species Differences Due to Altered Intron-Exon Organization," <i>J. Neurochem.</i> , Vol. 68(4):1372-1381, 1997.

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*Brank K*

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							YES NO
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	CO						
	CP						

**OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

B.K.	/ CR	Chiou, et al., "Effects of Antiglaucoma Drugs on Ocular Blood Flow in Ocular Hypertensive Rabbits," <i>J. Ocular Pharmacol.</i> , Vol. 9(1):13-24, 1993.
B.K.	/ CS	Martin et al., "Serotonin in Human Aqueous Humor," <i>Ophthalmol.</i> , Vol. 95(9):1221-1226, 1988.
B.K.	/ CT	Mallorga and Sugrue, "Characterization of serotonin receptors in the iris + ciliary body of the albino rabbit," <i>Curr. Eye Res.</i> , Vol. 6(3):527-532, 1987.

EXAMINER

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**OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

B.K.	DR /	Chidlow et al., "Characteristics of [ <sup>3</sup> H]5-Hydroxytryptamine Binding to Iris - Ciliary Body Tissue of the Rabbit," <i>Invest. Ophthalmol. Vis. Sci.</i> , Vol. 36(11):2238-2245, 1995.
B.K.	DS /	Tobin and Osborne, "Evidence for the Presence of Serotonin Receptors Negatively Coupled to Adenylate Cyclase in the Rabbit Iris-Ciliary Body," <i>J. Neurochem.</i> , Vol. 53(3):686-601, 1989.
B.K.	DT /	Barnet and Osborne, "The Presence of Serotonin (5-HT <sub>1</sub> ) Receptors Negatively Coupled to Adenylate Cyclase in Rabbit and Human Iris-Ciliary Processes," <i>Exp. Eye Res.</i> , Vol. 57:209-216, 1993

EXAMINER

DATE CONSIDERED

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**OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

B.K.	ER	Osborne and Chidlow, "Do Beta-Adrenoceptors and Serotonin 5-HT <sub>1A</sub> Receptors Have Similar Functions in the Control of Intraocular Pressure in the Rabbit?", <i>Ophthalmologica</i> , Vol. 210:308-314, 1996.
B.K.	ES	Meyer-Bothling et al., "Topical Application of Serotonin or the 5-HT <sub>1</sub> -Agonist 5-CT Intraocular Pressure in Rabbits," <i>Invest. Ophthalmol. Vis. Sci.</i> , Vol. 34(10):3035-3042, 1993.
B.K.	ET	Krootila et al., "Effect of Serotonin and Its Antagonist (Ketanserin) on Intraocular Pressure in the Rabbit," <i>J. Ocular Pharmacol.</i> , Vol. 3(4):279-290, 1987.

EXAMINER

DATE CONSIDERED

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## U.S. PATENT DOCUMENTS

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							YES	NO
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	FN							
	FO							
	FP							

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

B.K.	FR <input checked="" type="checkbox"/>	Costagliola et al., "Fluoxetine Oral Administration Increases Intraocular Pressure," <i>Br. J. Ophthalmol.</i> , Vol. 80:678, 1996.
D.K.	FS <input checked="" type="checkbox"/>	Ahmad, "Fluoxetine and glaucoma," <i>Annals of Pharmacother.</i> , Vol. 25:436, 1992.
B.K.	FT	Wang, et al., "Effect of 5-methylurapidil, an $\alpha_{1a}$ -adrenergic antagonist and 5-hydroxytryptamine $_{1a}$ agonist, on aqueous humor dynamics in monkeys and rabbits," <i>Curr. Eye Res.</i> , Vol. 16:769-775, 1997.

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*Bruce Kiff*

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**October 31, 2000****GROUP****NYA /624****U.S. PATENT DOCUMENTS**

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							YES NO
	GL						
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**OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

B.K.	GR	Wang, et al., "Effect of $\beta$ -MPPI Hydrochloride ( $\beta$ -MPPI) Applied Before 5-methylurapidil (5-MU) on Intraocular Pressure," <i>Invest. Ophthalmol. Vis. Sci.</i> , Vol. 39(Suppl):2236-S488, 1998.
B.K.	GS	Chang, et al., "Mechanism of the Ocular Hypotensive Action of Ketanserin," <i>J. Ocular Pharmacol.</i> , Vol. 1(2):137-147, 1985.
B.K.	GT	Costagliola, et al., "Effect of Oral Ketanserin Administration on Intraocular Pressure in Glaucomatous Patients," <i>Ex. Eye Res.</i> , Vol. 52:507-510, 1991.

EXAMINER

DATE CONSIDERED

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**OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

B.K.	HR	Mano, et al., "The Effect of Anplag (Sarpogrelate HCL), New Selective 5-HT <sub>2</sub> Antagonist on Intraocular Pressure in Rabbits," <i>Invest. Ophthal. Vis. Sci.</i> , Vol. 36(Suppl):3322-309, 1995
B.K.	HS	Takenaka, et al., "The Effect of The Effect of Anplag (Sarpogrelate HCL), Novel Selective 5-HT <sub>2</sub> Antagonist on Intraocular Pressure in Glauoma Patients," <i>Invest Ophthal. Vis. Sci.</i> , Vol. 36(Suppl):3390-377, 1995.
B.K.	HT	Zinnes, et al., "1,2-Benzothiazines. III. The Preparation of 2H-1,2-Benzothiazin-4(3H)-one 1,1-Dioxide by the Acid-Catalyzed Deacetylation of β-Diketone," <i>J. Org. Chem.</i> Vol. 31:162-165, 1966

EXAMINER	DATE CONSIDERED
<i>Bruce K. Johnson</i>	<i>8/8/02</i>

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## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>B.K.</i>	IR	Jae, et al., "Pyrrolidine-3-carboxylic Acids as Endothelin Antagonists. 2. Sulfonamide Based <sub>ETA/ETB</sub> Mixed Antagonists," <i>J. Med. Chem.</i> Vol. 40:3217-3227, 1997.
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*Brant Kiff*

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